

Huyton - with - Roby
Urban District Council

Annual Report
of the
Medical Officer of Health
For the Year 1965

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HUYTON-WITH-ROBY

URBAN DISTRICT COUNCIL

HEALTH COMMITTEE

(As at 31st December, 1965)

CHAIRMAN

Councillor Mrs. D. CONNAUGHTON

VICE-CHAIRMAN

Councillor G. C. FREEMAN

CHAIRMAN OF THE COUNCIL—Councillor J. D. DUNDON
(ex-officio member)

Councillor W. CONNAUGHTON

„ A. G. COWIE

„ C. DELANEY

„ E. W. JESSUP

„ S. W. SENT

„ A. J. VOSE

HEALTH DEPARTMENT STAFF

Medical Officer of Health :

F. W. BUNTING, M.B.E., M.D., D.P.H.

Deputy Medical Officer of Health :

B. JONES, M.B., Ch.B., D.P.H.

Assistant Medical Officers :

M. PILLING, M.R.C.S., L.R.C.P., C.P.H.

M. DUGUID, M.B., Ch.B. (Part-time)

E. PARRY, M.B., Ch.B. (Part-time)

Dental Officers :

L. A. JONES, L.D.S.

K. PLATT, L.D.S.

K. MATSON, L.D.S., R.C.S. (Part-time)

I. L. L. FRANCIS, M.D., Ch.B., F.F.A., R.C.S., D.A. (Anaesthetist)

H. POGREL, L.D.S., D.Orth. R.C.S. (Consultant Orthodontist)

Visiting Specialists :

L. M. SUTCLIFFE, M.B., Ch.B., D.R.C.O.G., D.P.H. (Part-time)

N. W. MARSHALL, M.B., B.S.

J. M. BRODERICK, M.R.C.S., L.R.C.P.

R. A. REID, M.A., M.B., Ch.B., D.O.

Chief Public Health Inspector :

C. COOPER, M.A.P.H.I.

Deputy Chief Public Health Inspector :

C. JOHNSON

Senior Administrative Officer :

T. R. PARSONAGE

Home Help Organiser :

Miss J. W. ORME

Mr. Chairman, Ladies and Gentlemen,

I have much pleasure in presenting the Annual Report on the Health of Huyton-with-Roby for the year 1965. I am happy to report that the health of the District compares very favourably with that of the previous year.

The adjusted birth rate of 18.8 per 1,000 births is a decrease compared with the previous year, but is slightly greater than the rate of 18.1 for England and Wales.

There was a rise in the infant mortality rate, which was 22.7 per 1,000 live births compared with 17.2 per 1,000 live births during the previous year. The rate, however, was below the average for the previous five years. The rate for 1965 for England and Wales was 19.0

No cases of Diphtheria or Poliomyelitis were notified during the year.

There was a slight increase in the incidence of Pulmonary Tuberculosis, there being 16 cases as compared with 13 in 1964. There were 4 three deaths.

The Public Health Inspectors carried out their duties in a very satisfactory manner; duties in connection with Smoke Control once more occupied much of their time. The work of the inspectors is summarised in the body of the report.

Delegated Health and Welfare Services

The year under review has been a very satisfactory one with demands on the various services continuing at a high level. Full details concerning the work carried out will be found in the body of the Report.

The Home Help Service continues to expand, particularly in its work with the old and infirm and the chiropody services has had a busy year.

There has been much activity in connection with the Welfare of the Handicapped and the growing awareness of the Service is bringing increased demands.

Immunisation against the various infectious diseases continues, and I have to report that the number of children protected has increased. It is vital that as many children as possible are protected against such diseases as Poliomyelitis and Diphtheria.

There has been some difficulty during the year in recruiting trained staff, particularly Health Visitors. There is very satisfactory co-operation between the Health Department, the Local General Practitioners and the staffs of neighbouring hospitals.

During the year Mr. H. S. Alleyne and Miss S. Grant-Wilson left to take up new appointments. They will be very greatly missed and both have played a large part in the development of the services of the Health Department.

In November, by the death of Dr. P. F. M. B. Gould, the district lost a loyal and experienced Officer. Dr. Gould had been associated with the Public Health work since 1950 and became Deputy Medical Officer in 1960 when Huyton received powers of delegation for Health and Welfare Services. She will be remembered for her work amongst the young, particularly amongst those who are physically and mentally handicapped.

I should like to acknowledge the assistance we receive at all times from Dr. S. C. Gawne, County Medical Officer of Health, and his staff at Preston.

In conclusion, I take this opportunity of expressing my thanks to the Health Committee for their help and encouragement, also the officials of the Council, in particular to Mr. C. Cooper, the Chief Public Health Inspector, and Mr. T. R. Parsonage, Senior Administrative Officer.

I am, Ladies and Gentlemen,

Your obedient Servant,

F. W. BUNTING,

Medical Officer of Health.

GENERAL STATISTICS

Area of the Urban District in acres	...	...	...	...	3,054
Population Census 1961...	...	...	...	...	63,722
Registrar General's estimate of resident population Mid 1965	...	...	...	...	68,230
Number of inhabited houses end of 1965 according to Rate Books	...	...	...	...	18,570
Rateable Value	...	...	...	...	£1,736,365
Sum represented by the Penny Rate	...	...	...	...	£6,875

Extracts from the Vital Statistics of the Year (Registrar General)

Live Births :-		<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate	...	1331	662	669
Illegitimate	...	81	39	42
		<hr/>	<hr/>	<hr/>
		1412	701	711

Live Birth Rates per 1,000 population :-

Crude rate	...	...	...	20.7
Adjusted rate	...	...	...	18.8

Mortality Rates per 1,000 population :-

Total (all forms)

Crude rate	...	...	...	7.8
Adjusted rate	...	...	...	13.1

Stillbirth rate per 1,000 total births	...	...	...	17.4
Maternal mortality rate per 1,000 total births	...	...	...	—
Infant mortality rate per 1,000 live births	...	...	...	22.7
Neo-natal mortality rate per 1,000 live births	...	...	...	15.6
Early Neo-natal mortality rate per 1,000 live births	...	...	...	12.7
Perinatal mortality rate per 1,000 total births	...	...	...	29.9

Analysis of Deaths

Stillbirths—		<i>Total</i>	<i>Male</i>	<i>Female</i>
Legitimate	...	21	12	9
Illegitimate	...	4	1	3
Maternal deaths	...	—	—	—
Deaths of infants under 1 yr. of age :-				
Legitimate	...	27	11	16
Illegitimate	...	5	3	2
Deaths of infants under 4 weeks of age :-				
Legitimate	...	18	8	10
Illegitimate	...	4	3	1
Deaths of infants under 1 week of age :-				
Legitimate	...	14	6	8
Illegitimate	...	4	3	1

Causes of the Deaths in the Urban District 1965

<i>Causes of Deaths</i>	<i>Male</i>	<i>Female</i>
Tuberculosis, Respiratory	3	1
Tuberculosis, other forms	—	—
Syphilitic Diseases	—	—
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal Infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—
Other infective and parasitic diseases	—	—
Malignant neo-plasm of the stomach	6	7
Malignant neo-plasm of the lung and bronchus	37	9
Malignant neo-plasm of the breast	—	8
Malignant neo-plasm of the uterus	—	1
Malignant neo-plasm of all other sites	27	26
Leukaemia and Aleukaemia	2	3
Diabetes	—	2
Vascular lesions of the nervous system	30	38
Coronary Disease, Angina	69	47
Hypertension with heart disease	1	3
Other heart disease	15	33
Other circulatory disease	5	12
Influenza	1	—
Pneumonia	9	17
Bronchitis	25	5
Other diseases of the respiratory system	1	2
Ulcer of the stomach and duodenum	3	1
Gastritis, Enteritis, and Diarrhoea	2	3
Nephritis and Nephrosis	—	2
Hyperplasia of the Prostate	2	—
Pregnancy childbirth abortion	—	—
Congenital malformations	1	6
Other defined and ill defined diseases	28	22
Motor vehicle accidents	1	1
All other accidents	3	7
Suicide	1	1
Homicide and operations of War	1	—
Totals	273	257

The following Table summarizes the Vital Statistics of the Urban District for the period 1960—1965

Year	Live Births		Deaths (all causes)		Still Births		Maternal Mortality		Infant Mortality		
	No. Regis- tered	Rate per 1,000 Pop'n	No. Regis- tered	Rate per 1,000 Pop'n	No. Regis- tered	Rate per 1,000 Total births	No. of deaths Regis- tered	Rate per 1,000 live births	No. of deaths Regis- tered	Rate per 1,000 live births	Rate per 1,000 live births
1965	1412	20.7	530	7.8	25	17.4	—	—	32	22.7	15.6
1964	1454	21.5	477	7.0	25	16.9	1	0.67	25	17.2	13.1
1963	1498	22.4	560	8.4	32	20.9	1	0.65	41	27.4	18.7
1962	1502	22.9	519	7.9	32	20.9	—	—	44	29.3	20.0
1961	1292	20.2	506	7.9	34	25.6	—	—	37	28.6	16.3
1960	1310	20.9	490	7.8	29	21.7	1	0.75	31	23.7	17.6
Average 5 years 1960-1964	1411	21.6	510	7.8	30	21.2	0.6	0.41	36	25.2	17.1

Vital Statistics

The following provisional figures based on the Registrar General's Quarterly Returns for birth and death rates for England and Wales, are shown together with corresponding data in respect of the Urban District.

	Rates per 1,000 population	
	England and Wales	Huyton-with-Roby
Births—		
Live births 	18.1	18.8 (c)
Still births 	15.7 (a)	17.4
Deaths—		
All causes 	11.5	13.1 (c)
Tuberculosis (all forms) 	0.048	0.06
Respiratory 	0.042	0.06
Non-respiratory 	0.006	—
Cancer (all forms) 	2.23	1.85
Lung and Bronchus 	0.55	0.68
Other Cancer 	1.67	1.17
Maternal Mortality (total) 	0.25 (a)	—
Maternal causes (excluding abortion) 	0.19 (a)	—
Due to abortion 	0.06 (a)	—
Infant Mortality 	19.0 (b)	22.7 (b)
Neo-natal Mortality 	13.0 (b)	15.6 (b)
Early Neo Natal Mortality 	11.3 (b)	12.7 (b)
Perinatal Mortality 	26.9 (a)	29.9 (a)

(a) Per 1,000 total (live and still) births.

(b) Per 1,000 related births.

(c) Adjusted rate.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES
(i) cases of Infectious Disease notified during 1965.

Disease	Total Cases	Under 1 yr.	1	2	3	4	5	10	15	25	45	65+	Age U.K.
Scarlet Fever ...	77	1	1	8	6	13	42	6	—	—	—	—	—
Measles ...	800	62	115	134	130	133	207	13	2	—	—	—	4
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	31	5	2	1	3	10	9	—	—	1	—	—	—
Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ...	9	3	1	—	1	—	—	—	—	1	2	1	—
Dysentery ...	6	—	1	—	—	—	4	—	—	1	—	—	—
Meningococcal Infection ...	1	—	—	—	—	1	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning ...	9	—	—	—	—	—	3	—	1	2	3	—	—
Tuberculosis—Respiratory ...	16	—	—	—	—	1	—	1	3	5	3	3	—
Non-respiratory	4	—	—	—	—	—	—	—	1	2	1	—	—
Ophthalmia Neonatorum ...	1	1	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis—Infective ...	1	—	—	—	—	—	1	—	—	—	—	—	—

(ii) cases of Infectious Diseases during last 10 years.

Disease	1965	1964	1963	1962	1961	1960	1959	1958	1957	1956
Scarlet Fever	77	40	23	16	25	19	34	30	34	65
Measles	800	956	460	1221	699	795	341	896	749	587
Diphtheria	—	—	—	—	—	3	2	1	1	2
Whooping Cough	31	83	253	34	16	49	143	34	84	207
Acute Poliomyelitis—Paralytic	—	—	—	—	4	—	—	1	1	1
Non-Paralytic	—	—	—	—	—	—	1	—	—	—
Pneumonia	9	11	23	24	29	32	41	21	39	28
Dysentery	6	26	3	24	10	15	35	36	20	19
Meningococcal Infection	1	2	2	—	—	—	1	1	1	2
Erysipelas	—	2	2	2	3	3	3	3	5	7
Typhoid Fever	—	—	1	—	—	—	—	—	—	—
Para-Typhoid Fever	—	—	—	—	—	—	—	1	—	—
Food Poisoning	9	8	27	27	13	15	16	22	35	49
Tuberculosis—Respiratory	16	13	17	27	21	36	79	50	62	61
Non-respiratory	4	3	4	3	5	5	4	6	5	3
Ophthalmia Neonatorum	1	5	4	1	4	—	1	1	1	—
Acute Encephalitis—Infective	1	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	1	1	2	1
Totals	955	1149	819	1379	829	972	702	1104	1039	1032

Ophthalmia Neonatorum

There was one case of Ophthalmia Neonatorum during the year.

Scarlet Fever

Seventy-seven cases were notified during the year. The number of cases notified during the preceding eight years are shown in the following Table. In the main the cases were of a mild type.

Year	Cases
1957	34
1958	30
1959	34
1960	19
1961	25
1962	16
1963	23
1964	40

Dysentery

Six cases were notified during the year—*Shigella Sonne* being the only organisms isolated.

During the year 133 specimens of faeces were submitted to the Bacteriological Laboratories.

Diphtheria

The following Table gives the incidence of this disease during the past sixteen years :-

Year	No. of cases	No. of deaths	Year	No. of cases	No. of deaths
1950	3	—	1958	1	1
1951	4	1	1959	2	1
1952	6	1	1960	3	1
1953	15	2	1961	—	—
1954	6	1	1962	—	—
1955	7	—	1963	—	—
1956	2	1	1964	—	—
1957	1	—	1965	—	—

Tuberculosis

The number of cases and deaths during the year are as follows :-

Age Group	NEW CASES				DEATHS			
	Respiratory		Non-Resp.		Respiratory		Non-Resp.	
	M	F	M	F	M	F	M	F
Under 5	1	—	—	—	—	—	—	—
5	—	1	—	—	—	—	—	—
15	—	3	1	—	—	—	—	—
25	—	5	—	2	—	—	—	—
45	1	2	—	1	2	1	—	—
65 & over	2	1	—	—	1	—	—	—
Totals	4	12	1	3	3	1	—	—

The following Table gives the incidence of Tuberculosis during the last ten years :-

Year	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
1956	34	27	2	1	4	1	1	—
1957	33	29	1	4	3	—	—	1
1958	30	20	2	4	1	3	—	1
1959	40	39	2	2	3	3	—	2
1960	19	17	4	1	6	2	—	—
1961	13	8	—	5	3	1	—	—
1962	21	6	2	1	1	—	—	—
1963	11	6	—	4	2	1	—	—
1964	6	7	1	2	3	—	—	—
1965	4	12	1	3	3	1	—	—

There has been an increase in the number of cases of Respiratory Tuberculosis compared with the previous year. Four deaths were reported during the year.

Population

The population returns since 1935 are given below :-

Year	Population	No. of inhabited houses
1935	9,390	4,280
1945	44,160	11,939
1955	58,400	14,862
1965	68,230	18,570

The following statistics for the years 1935, 1945 and 1955, are shown, together with comparable data relating to the year under review.

	1965	1955	1945	1935
Estimated population	68,230	58,400	44,160	9,390
Birth rate per 1,000 population	20.7	19.8	22.0	22.6
Crude death rate per 1,000 population	7.8	7.6	9.3	11.7
Infant mortality per 1,000 births	22.1	31	74	103
Maternal mortality per 1,000 births	—	2.51	—	9.04
Deaths from measles	—	—	1	—
Deaths from diphtheria	—	—	1	2
Deaths from whooping cough	—	—	—	1
Deaths from scarlet fever	—	—	—	—
Deaths from respiratory tuberculosis	4	10	31	5
Deaths from tuberculosis (other forms)	—	1	4	3
Death rate from cancer per 1,000 population	1.85	1.59	1.58	0.95

Details of deaths due to accidents during 1965

- (a) The following is a summary of deaths due to accidents which occurred during 1965 indicating the ages of the deceases :-

Cause of Death	Under 1 yr.	1-5	5-15	15-25	25-45	45-65	65 & over	Total
Road traffic accidents	—	—	—	—	—	2	—	2
Falls	—	—	—	2	—	—	5	7
Drowning	—	—	—	—	—	1	—	1
Asphyxia	—	—	—	—	—	1	1	2

(b) Details of accidental deaths during the past 10 years

Cause of Death	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Road Traffic Accidents	6	8	5	5	12	6	5	10	10	2
Falls	2	7	3	6	9	8	4	7	4	7
Drowning	—	1	1	—	—	—	—	2	3	1
Asphyxia	3	2	4	—	6	2	1	6	4	2
Industrial Accidents	—	—	1	1	4	4	2	1	—	—
Other causes	3	3	3	6	2	—	5	—	—	—
Totals	14	21	17	18	33	20	17	26	21	12

Deaths from Cancer 1960-1965

Site	1960		1961		1962		1963		1964		1965		Totals		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Stomach	4	7	9	3	8	7	12	6	5	5	6	7	44	35	79
Lung and Bronchus	22	1	29	3	26	3	27	8	28	2	37	9	169	26	195
Breast	—	3	—	9	—	11	—	6	—	6	—	8	—	43	43
Uterus	—	5	—	1	—	2	—	5	—	1	—	1	—	15	15
Other sites	18	16	20	18	23	29	25	20	27	20	27	26	140	129	269
Leukaemia and Aleukaemia	1	2	1	—	—	2	3	1	1	3	2	3	8	11	19
Totals	45	34	59	34	57	54	67	46	61	37	72	54	361	259	620

DELEGATED HEALTH AND WELFARE SERVICES

Care of Mothers and Young Children

Child Welfare Clinics are held at Derby Road and Twig Lane Clinics and also at the Community Centres at St. John's, Merton Crescent, and Willoughby Road. A new Clinic commenced, as was envisaged, at the Community Centre, Mosscroft Estate, and is providing a much needed service in that area.

The Clinics provide for the routine examination and weighing of babies. Advice is given on various aspects of infant welfare to mothers of children up to the age of five years.

Certain brands of proprietary foods are on sale at the Clinics on the recommendation of the Medical Officer, and National Welfare Foods (Dried Milk, Orange Juice and Cod Liver Oil) are also available. During the year 11,678 items of Welfare Foods were distributed as compared with 12,949 in 1964.

The table below gives a summary of the Clinic attendances during the year.

Child Welfare Clinics (1st January to 31st December 1965)

Address	Number of Sessions	Number of Individual children attending			Number of Attendances of children at ages			Average Attendances by all children per session
		Born 1965	Born 1964	Born 1960-63	0-1	1-	2-4 Incl.	
Twig Lane	100	331	192	104	2954	433	382	38
Derby Road	104	509	261	105	3423	370	426	41
Merton Crescent	51	60	58	17	1090	199	143	28
St. John's Manor Farm Road	51	85	92	88	1348	214	220	35
Swanside Willoughby Road	53	158	104	95	2048	326	298	50
Mosscroft	22	59	24	23	423	95	122	29
Totals	381	1202	731	432	11286	1637	1591	38

Attendances at Child Welfare Centres were 14,514, compared with 14,878 in 1964.

Ante-Natal Clinics

These are held at Derby Road and Twig Lane Clinics and are attended by Consultant Obstetricians. They are staffed by District Midwifery Sisters and Health Visitors. The mothers are able to meet and discuss their problems with the Midwives who will be attending them during their confinement. Patients requiring dental treatment are referred to the Dental Clinic and the opportunity is taken to ensure that the expectant mother is protected against poliomyelitis.

Relaxation and Mothercraft classes are held at both Clinics. At these clinics the Midwives and Health Visitors in charge have received special training and give an agreed syllabus of talks and demonstrations lasting several weeks, covering all aspects of the confinement and early infant care.

Ante-Natal Clinics

Address of Clinic	Number of Sessions	Number of Individual Women attending	Number of Attendances
Twig Lane	50	179	517
Derby Road	48	253	823
Total	98	432	1340

These figures refer to consultant Clinics and attendances compare favourably with the previous year.

In addition, the Midwives also held a weekly Clinic at Derby Road.

At the request of Maternity Hospitals, domiciliary visits are paid by Midwives to see whether the home circumstances are suitable for domiciliary confinement.

Care of Premature Infants

These are infants whose birth weight is $5\frac{1}{2}$ lbs. or less. Prematurity is the commonest cause of death amongst infants under the age of one year. Health Visitors are required to give priority to the visiting of such cases and to work in close co-operation with the midwife in attendance where the confinement takes place at home.

78 premature infants were born during 1965, 16 at home and 62 in hospital.

PREMATURE BIRTHS. (i.e. live and stillbirths of 5½ lbs. or less at birth, occurring during 1965 in cases where the Mother was normally resident in the area of Huyton-with-Roby).

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Weight at Birth	Premature live Births												Premature stillbirths	
	Born in Hospital				Born at Home or in a Nursing Home								Born in Hospital	Born at Home or in a Nursing Home
	Died				Nursed entirely at Home or in a Nursing Home				Transferred to Hospital on or before 28th day					
	Total Births	Within 24 hrs. of birth	In one and under 7 days	In 7 and under 28 days	Total Births	Within 24 hrs. of birth	In one and under 7 days	In 7 and under 28 days	Total Births	Within 24 hrs. of birth	In one and under 7 days	In 7 and under 28 days		
	2 lb. 3 ozs. or less	Over 2 lb. 3 ozs. up to and including 3 lb. 4 ozs.	Over 3 lb. 4 ozs. up to and including 4 lb. 6 ozs.	Over 4 lb. 6 ozs. up to and including 4 lb. 15 ozs.	Over 4 lb. 15 ozs. up to and including 5 lb. 8 ozs.	Totals								
2 lb. 3 ozs. or less	2	2	—	—	—	—	—	—	—	—	—	5	—	
Over 2 lb. 3 ozs. up to and including 3 lb. 4 ozs.	4	1	—	1	—	—	—	—	—	—	—	4	—	
Over 3 lb. 4 ozs. up to and including 4 lb. 6 ozs.	11	1	2	—	2	—	—	—	—	—	—	2	—	
Over 4 lb. 6 ozs. up to and including 4 lb. 15 ozs.	15	1	1	—	2	—	—	—	—	—	—	—	—	
Over 4 lb. 15 ozs. up to and including 5 lb. 8 ozs.	30	—	1	—	11	1	—	—	1	—	—	—	—	
Totals	62	5	4	1	15	1	—	—	1	—	—	11	—	

Dental Care of Mothers and Young Children

I am indebted to Mr. L. A. Jones, L.D.S., Area Dental Officer, Divisional Executive No. 16, for the following report:—

As in previous years, dental treatment was available at the Clinics for both maternity and child welfare patients and for school children in accordance with the requirements of the National Health Service and Education Acts.

An increase in the availability of part time staff during the year was welcomed but this was counter-balanced somewhat by the increasing school population.

The case-load per Dental Officer of 5646 was again rather better than the average for the County which was 6628.

Again there was a certain amount of mutual assistance between the County proper and the Delegated District with regard to sessions.

The average number of weekly sessions by Dental Officers at the Derby Road Clinic was 20 including one evening session which was well attended.

As in the previous year, Routine Dental Inspection was maintained, with a total of 7022 compared with 7121 the previous year. Of these 3164 were found to require treatment compared with 3256 the previous year. The percentage of defects was 45.0 compared with 45.7 in 1964. The interval between school inspections was again rather longer than desirable but compared favourably with the County average. In addition, however, the inspections at school were supplemented by a re-inspection in the clinic after an interval of six months in cases where children had accepted a full course of treatment. Further treatment was then carried out if necessary. The early detection of dental decay is of vital importance and dental inspection is available at the clinic by request and is encouraged.

A consultant anaesthetist attended an average of one session per week during the year.

As in previous years the Orthodontic Clinic at Twig Lane provided a service for Huyton and the surrounding County areas and was especially convenient for Huyton children requiring treatment for dental irregularity. A Specialist Orthodontist attended this clinic for an average of $3\frac{1}{2}$ sessions per week. In addition 145 attendances were made for the treatment of minor orthodontic conditions at the Derby Road Clinic.

Dental Health Education continues to be of paramount importance and the dental services are appreciative of the co-operation of the clinic's medical staff and health visitors in this respect. Continuous and varied displays of posters in the clinic were supplemented by talks to parents and children at every available opportunity.

As in the previous year improvements in the surgery equipment continued to be made.

The following are the details of dental treatment during the year :

	Inspect-ions	Atten-dances	Fillings	Extrac-tions	General Anaes-thetics	Dentures	
						Fitted	Repairs
<i>School Children</i>	Routine and Special 7,874	4,168	2,177	2,987	1,637	17	—
<i>Maternity and Child Welfare</i>	115	284	85	80	30	37	4

Day Nurseries

There are three day nurseries in Huyton with a total of 130 places for children between the ages of 9 months and 5 years. The Nurseries are open from 7.15 a.m. to 6.00 p.m.

A standard charge of 9/- per day is made for the first child and 4/6d. per day for each additional child. These charges may, however, be reduced on consideration of the financial circumstances of the applicant.

In all instances priority of admission is given to social cases. These are the children of unmarried mothers, widows, widowers, and children whose parents are separated, divorced, or who have deserted them. Accommodation is also provided for children in cases of illness or confinement. All cases are visited by the Health Visitor before admission. Suitable handicapped children may also be admitted. This has proved beneficial both to the children, who are thus able to mix with others of similar age, and to the parents, who are enabled to have a much needed rest from looking after them.

At the end of the year there were 113 social cases on the register compared with 105 last year. This was 89 per cent of the total number of available places.

Princess Drive and Park View Nurseries are approved by the Ministry of Education for the training of students for the National Nursery Examination Board.

Plans are going ahead to replace the three day Nurseries by purpose built buildings.

The following table shows the attendances at the Huyton Nurseries.

Address of Nursery	Accommodation by age groups		Monday to Friday only			No. of children on Register at the end of year	
			No. of days open during year	Total Attendances of ages			
	0-2	2-5		0-2	2-5	0-2	2-5
Huyton No. 1. Woolfall Heath Avenue, Huyton	16	23	255	2756	4360	16	25
Huyton No. 2. Princess Drive	13	26	255	3229	6198	14	33
Huyton No. 3. Park View	11	41	254	1713	8492	8	47
Total	40	90	764	7698	19050	38	105

Midwifery Service

There were 10 Midwives employed in Huyton at the end of the year, and of these, four were living in houses or flats owned by the Council.

The purchase of cars through the County scheme is encouraged, so that all the Midwives may be fully mobile.

During the year there were 1412 live births and 25 still-births. This compares with 1454 live births and 25 still-births last year.

The confinement took place at home in 438 cases. The number of visits made by the Midwives in 1965 was 15,749 compared with 16,990 in 1964. A total of 712 visits were made between the hours of 9.0 p.m. and 8.0 a.m.

In order to relieve the pressure on hospital beds, a number of patients are discharged before the tenth day after confinement. Close liaison is maintained between the Health Department and Maternity Hospitals to ensure that such early discharges are made to homes where the conditions are suitable; and arrangements are made for a midwife to visit as soon as possible. The number of early discharges during the year was 434. This is 184 more than last year.

Medical aid was sought on 18 occasions, and I wish to thank the General Practitioners for their close co-operation during the year.

The County Supervisor and her Deputy undertake the supervision of Midwives and their assistance has been much appreciated.

The following table gives a summary of the cases attended.

	Live Births			Stillbirths			Cases attended where patient had been confined in hospital and discharged before the 10th day	Deaths	
	Doctor Present	Doctor not Present	Total	Doctor Present	Doctor not Present	Total		Mothers	Children under one month
Midwives	13	420	433	1	5	6	434	—	3

Congenital Abnormalities

Since the beginning of 1964 doctors and midwives have been requested to notify the Medical Officer of Health of any congenital abnormalities noted at birth. This information has been requested by the Minister of Health to assist him in research into the incidence of abnormalities throughout the country. In Huyton, 30 infants out of a total of 1393 live and still births were noted to have an abnormality. This is a rate of 21.5 per 1,000 total births.

Categorisation of the 30 children notified during 1965 is as follows:—

<i>Condition</i>	<i>Number</i>
Talipes	6
Spina Bifida	6
Anencephalic	3
Abnormalities of hands and/or feet	3
Meningocele	3
Mongoloid Features	2
Hydrocephalus	4
Accessory Auricle	1
Hare Lip	1
Duodental Atresia	1
Imperforate Anus	1
Hypospedias	1
Extensive port wine staining of face	1
Birth Mark	1
Rudimentary Limbs	1
Weakness of abdominal muscles	1
Assymetrical Jaw	1
	—
	37
	—

It will be noted from the categories shown that certain children suffered from more than one abnormality.

Ophthalmia Neonatorum, Pemphigus Neonatorum and Puerperal Pyrexia.

There was one case of Ophthalmia and none of either Pemphigus or Puerperal Pyrexia.

There were no maternal deaths.

Phenylketonuria

Routine testing of babies' urine at 10/14 days and at 4/6 weeks continued to be undertaken by the Health Visitors.

In 1965, 1124 tests were made in the first age group and 1186 in the second.

Ascertainment of Deafness

Routine screening of as high a percentage as possible of all babies, particularly those "at risk" continues to be performed by the Health Visitors. Any doubtful cases are seen by the Medical Officer and referred to specialist units for investigation if necessary.

Health Visiting

The establishment of Health Visitors in Huyton is 17 and at the end of the year the number employed was 13 plus 1 part-time. One temporary school nurse was filling a vacancy caused by shortage of Health Visitors.

The duties of Health Visitors now embrace the care of the whole family, infants, school children, the aged, and handicapped persons. They also visit tuberculosis patients and their families.

As the Health Visitors are also school nurses there is continuity of supervision maintained through all the stages of the child's development. Approximately one half of the nurses' time is devoted to the School Health Service.

The visiting of the aged in the community is an important part of the Health Visitor's work, and during the year 2,110 visits were made to persons of 65 or over.

The supervision of problem families is also an important part of the Health Visitor's work, requiring close co-operation with other workers, particularly the Children's Department and N.S.P.C.C.

The close liaison between hospitals and the Health Department results in many requests for visits to patients recently discharged from hospital who may require some measure of follow up.

Supervision of Health Visitors is undertaken by the County Supervisor and her Assistant. Their help and advice have been much appreciated.

The following tables summarise the work of the Health Visitors during the year.

Number of visits paid by Health Visitors during the year

(1)	Expectant Mothers	...	...	...	...	...	517
(2)	Children under 5	...	...	...	...	...	18,746
(3)	Adults (excluding Expectant Mothers and Tuberculosis)						
	Under 65	...	...	...	...	...	468
	65 and over	...	...	...	...	...	2,007
(4)	Tuberculosis						
	Cases under 65	...	...	...	...	...	346
	Cases 65 and over	...	...	...	...	...	80
	Contacts under 65	...	...	...	...	...	703
	Contacts 65 and over	...	...	...	...	...	13
(5)	Others	...	...	...	...	...	1,518
(6)	Ineffective visits	...	...	...	...	...	2,576

Home Nursing Service

Seven District Nurses and two State Enrolled Nurses were employed in carrying out Home Nursing in Huyton in 1965. In most cases their services are called for by General Practitioners with whom they work in close co-operation. A large proportion of the Nurses' time is devoted to the care of patients suffering from the diseases associated with advancing age, and it will be appreciated that these patients may require longer periods of nursing than those suffering from acute illnesses.

The Nurses made a total of 26,319 visits during the year, compared with 25,477 in 1964.

General Nursing cases attended

i.	No. on registers at end of 1964	...	...	175
ii.	New cases attended during 1965	...	...	627
	Total	...	...	802
iii.	Less cases completed (i.e. attendances ceased during 1965	...	...	622
iv.	No. on registers at end of 1965	...	...	180

Visits paid during 1965

		Day	Night	Total
To general cases on registers	...	24086	478	24564
Casual advisory visits	...	1413	28	1441
Other advisory interviews	...	314	—	314
Total	...	25813	506	26319

The following tables give an analysis of 580 completed cases :-

(1) <i>Agency of Reference</i>							No.	%
Services of District Nurses requested by :-								
General Practitioners	...	...	...	...	...	...	517	89.1
Hospitals	...	...	...	...	...	...	49	8.4
T.B. Clinics	...	...	...	...	...	...	—
P.H. Authority	...	...	...	...	...	...	9	1.6
Direct	...	...	...	...	...	...	4	0.7
Other	...	...	...	...	...	...	1	0.2
(2) <i>Disposal of Cases</i>								
Recovered, relieved, etc.	...	...	...	...	...	...	357	61.6
Admitted to Hospital	...	...	...	...	...	...	108	18.6
Died	...	...	...	...	...	...	64	11.0
Gone away	...	...	...	...	...	...	21	3.6
Out-patient, X-Ray etc.	...	...	...	...	...	...	4	0.7
Nurse withdrawn	...	...	...	...	...	...	23	4.0
Other	...	...	...	...	...	...	3	0.5

Supply of Nursing Equipment

Nursing equipment is available on loan without charge, and the following list indicates the equipment in stock at the end of the year.

Air rings (all types)	26
Bed cradles	4
Beds, hospital	3
Bed lifting pole attachments	3
Bed mattresses, Dunlopillo (in one or two pieces)	3
Bed pans, rubber	4
Bed pans, all other types	40
Bed rests	36
Blankets	2
Chairs, invalid, adult	18
Crutches, wood, adult (pairs)	2
Walking aids—Walking frame, 3 wheel	1
‘ Worrall ’ sticks	4
Clinitest sets	1
Steam Kettle	1
Inhalers	3
Douche Can	1
Chair Invalid (child)	1
Commodes	27

Incontinence Pads

Incontinence pads are supplied through the District Nursing Service as and when required. Pads are destroyed by the District Nurses in the home by burning.

Illegitimate Children

The Lancashire County Council have made arrangements with Voluntary Associations for Moral Welfare for the admission of mothers and babies to Homes administered by these bodies.

During the year 21 expectant mothers from Huyton were admitted to such Homes.

Nurseries and Child Minders' Regulations Act, 1948

This Act requires the registration of Factory Nurseries and persons engaged in child minding. There are no Factory Nurseries in Huyton, and at the end of the year one person was engaged in child minding.

Immunisation and Vaccination

Immunisation is carried out at Welfare Clinics, in Schools, and by General Practitioners.

Protection may be given against Diphtheria, Whooping Cough and Tetanus. In most cases a triple injection is given, but single or combined vaccines are also available.

Children entering school are offered a ‘ booster ’ dose against Diphtheria and Tetanus, which is given in school.

Diphtheria Immunisation

The total number of children who were immunised against Diphtheria during 1965 was 1524 compared with 1432 in 1964. A booster dose was given to 1454 children as compared with 2414 in the previous year.

Whooping Cough Immunisation

A total of 1180 children were immunised against Whooping Cough during the year, compared with 993 in 1964. Booster doses were given to 53 children. 58 children received booster doses last year.

Tetanus Immunisation

There were 1401 primary courses of protection against tetanus completed in 1965. In 1964 the number of these was 1311. Booster doses were given to 849 children compared with 959 in 1964.

Vaccination against Smallpox

All mothers with young children are advised to have their children vaccinated, and, as with the other preventive measures, facilities are available at the Clinics, or through General Practitioners.

A total of 547 persons were vaccinated for the first time in 1965, compared with 549 in 1964. There were 70 re-vaccinations as against 56 last year.

The following Tables give details of the vaccinations which have been performed during the year :-

Primary Vaccinations—Age in years

Under 2	2—	5—	15—	Total
436	73	16	22	547

Re-Vaccinations—Age in years

Under 2	2—	5—	15—	Total
1	3	23	43	70

Poliomyelitis Vaccination

Protection against poliomyelitis is available for children over 6 months, and for adults under 40 years. This is now given by 'oral' vaccine, although the 'Salk' vaccine, which is injected, is still available.

The total number of persons who completed a course of vaccination was 1,790 compared with 1,114 in 1964. Booster doses were given to 1,043 persons, compared with 1,348 in 1964.

The following Table shows the Poliomyelitis vaccinations performed during the year :-

Number of individuals who received a complete course of vaccination.				Number of individuals who received a re-inforcement dose.			
Age under 5	Age 5—16	Age over 16	Total	Age under 5	Age 5—16	Age over 16	Total
1276	471	43	1790	38	925	80	1043

Prevention of Illness—Care and After Care

This includes Health Education and propaganda of an advisory nature directed towards the prevention of illness and accidents, advice regarding immunisation, and on many subjects bearing on child care. It is one of the most important duties of the Health Visitor who, by reason of close contact with the families in her district, is able to give individual help in the home. Talks are given in the clinics and to various organisations; these are reinforced by distribution of pamphlets, the display of posters, and where appropriate by showing of films.

A great many of the accidents which happen to older people and young children may be prevented by some forethought, and staff engaged in Nursing, Health Visiting and the Home Help Service are constantly reminded of the part they can play in preventing accidents by pointing out dangers in the home.

In order to emphasise the importance of Home Safety to a wider public, the opportunity was again taken of co-operating with the Huyton Road Safety Committee in their Gala Day in July. We are indebted to the exhibits which attracted a great deal of attention.

I am pleased to report that once again there was close co-operation with the schools in the latter part of October in preventing accidents due to fireworks.

The growing habit of smoking among school children causes concern, and the Department is engaged in propaganda by means of posters and leaflets.

Liaison with Hospitals

There is very close liaison with both Whiston and Broadgreen Hospitals. This has proved very valuable in that the appropriate Services *e.g.* District Nurse or Home Help may be provided with the minimum of delay when a patient is to be discharged from hospital. These Services often enable a patient to be discharged earlier than would otherwise have been possible.

Convalescent Treatment

Convalescent treatment may be recommended by General Practitioners or by hospitals.

For adults a charge is made, according to a recognised scale. Under the School Health Service there is no charge made for children of school age. Transport may be provided at the discretion of the Medical Officer.

During the year convalescence was arranged for 18 patients in approved Homes in Lancashire, Derbyshire, Cheshire and North Wales.

	<i>Male</i>	<i>Female</i>
Lear Home of Recovery, West Kirby	—	6
Horncliffe Convalescent Home, Blackpool ...	—	2
The Blackburn and District Convalescent Home, St. Annes-on-Sea	—	1
The Heath Memorial Convalescent Home, Llan- fairfechan	1	—
The Binswood Red Cross Home, Didsbury, Manchester	1	2
The Boarbank Hall Convalescent Home, Grange- over-Sands	1	1
Evelyn Devonshire Convalescent Home, Buxton	1	2

Tuberculosis

The Chest Clinic in Blue Bell Lane is administered by the Liverpool Regional Hospital Board. The Consultant Physician is Dr. R. H. M. Ross.

The After-Care of Tuberculosis patients and their families is carried out by the Health Visitors who, by their regular visits to the Chest Clinic, are in close touch with the Chest Physician and the patients. Their work includes the follow-up of contacts and giving advice on the principles of hygiene and the prevention of infection.

Assistance given to Tuberculosis patients includes extra nourishment (on the recommendation of the Chest Physician), the provision of items of nursing equipment and of beds and bedding. Cash grants may be made by the Ministry of National Insurance.

Domestic assistance may be provided through the Home Help Service. Home Helps attending such households are volunteers and undergo periodic X-Ray examinations.

43 cases were provided with eggs, butter, milk and Horlicks during the year.

The following figures show the work of the Health Visitors in connection with Tuberculosis during the year.

1. Cases visited—under 65 years	...	...	...	346
over 65 years	...	...	...	80
2. Contacts visited—under 65 years	...	...	...	703
over 65 years	...	...	...	13
3. Number of tuberculosis households visited	...			309

Chiropody Service

This service provides free treatment for persons of pensionable age, handicapped persons and expectant mothers.

Sessions are held at Derby Road and Twig Lane Clinics. If the patients are not able to attend there they may be treated at home.

Three part-time chiropodists were employed in Huyton in 1965.

A total of 4,076 treatments were given as against 4,112 last year, but the number of patients treated rose from 817 to 834.

The number of patients requiring domiciliary treatment also decreased, and 1,087 home treatments were given compared with 1,216 in 1964.

The number of cases who received treatment during the year is as follows :-

Category of Patient	Patients	Number of Treatments
Aged Persons	807	3995
Handicapped	21	71
Expectant Mothers	6	10
Total	834	4076
<i>Place of Treatment</i>		
Clinic	628	2989
Home	206	1087
Surgery	—	—
Total	834	4076

Home Help Service

The Service continues to expand and provides indispensable help to many of the chronic sick and to the aged and infirm.

There were 103 Helps working in Huyton at the end of the year compared with 98 at the end of 1964. The total number of cases who received help during the year was 614, that is 92 more than last year. Seven cases received help from the service at night, and twelve in the evening. The number of old people requiring help rose from 370 in 1964 to 436 in 1965.

The Organizer and her Deputy regularly visit the cases receiving help.

The basic charge for the service is 4/11d. an hour. Applicants pay according to their means.

The series of lectures to the Home Helps which commenced in 1963 were continued during 1965.

In many cases a few hours of help in the week may enable old people to maintain their independence. The availability of help is often a factor in earlier discharge from hospital, thus relieving the pressure on hospital beds.

The combined use of District Nurses, Health Visitors, Home Helps and Voluntary Organisations does much to help the long-term patient. It has been found possible in many cases to keep such cases at home, when without the help of the various services they would have to be admitted to the chronic wards of our local hospitals.

The table below indicates the type of case for which Home Help was provided during the year. It will be seen that the greater part of the Service is devoted to providing help to the chronic sick, aged and infirm.

Special Cases (Problem Families)	3
Home Confinements... ..	25
Confinements away from home	—
Tuberculosis aged 65 or over	3
Tuberculosis aged under 65	7
Chronic sick aged under 65... ..	45
Chronic sick, aged and infirm aged 65 or over ...	428
All other cases aged 65 or over	5
All other cases under 65	97
Mentally Disordered aged under 65 years	1
<hr/>	
Total	614
<hr/>	

MENTAL HEALTH SERVICE

The Mental Health Act of 1959 has now been in operation for five years.

Mental Illness

Under the provisions of the Act patients may be admitted to a Psychiatric Hospital, or indeed to any other hospital, without legal formalities being employed. The Act also provides for compulsory removal to hospital where necessary upon medical recommendation.

The Mental Health staff work in close co-operation with the psychiatric hospitals and clinics in the district.

An increasing number of patients are admitted to hospital on an informal basis, who do not wish to avail themselves of the services of the Local Health Authority. In these circumstances it is difficult to present a comprehensive review of mental illness in the community.

The following cases were dealt with under the provisions of the Mental Health Act, 1959, during 1965.

<i>Admissions to Hospital</i>				<i>Male</i>	<i>Female</i>	<i>Total</i>
1.	Section 5 (informal admissions)	...	...	13	27	40
2.	Section 25 (28 days observation)	...	...	7	13	20
3.	Section 26 (Treatment Order)	...	...	2	—	2
4.	Section 29 (3 day Emergency Observation Order)	...	...	9	20	29
5.	Section 60 or 65 (Court Orders)	...	...	—	—	—
6.	Patients examined, but no order made	...	...	2	—	2

MENTAL SUBNORMALITY

Admissions to Hospital

The provision of hospital accommodation for the mentally subnormal is still totally inadequate, and during the year, only 3 children and 1 adult were admitted into permanent care.

At the end of the year, 9 patients were awaiting hospital accommodation and in addition hostel accommodation was required for one person.

Short Term Care

During the year, vacancies were obtained for 19 patients during periods of family stress or illness, at the following Homes or Hospitals:—

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Orchard Dene, Rainhill	5	1	6
Regional Hospital Board Accommodation	2	5	7
Pointfield Junior Hostel, Lancaster	—	1	1
Lancashire C.C. Willows Hostel	3	1	4
Accommodation provided by Religious Orders	—	1	1

Training Centres

The Huyton Gate Training Centre serves both Huyton and Division No. 9 of the County.

There were 85 patients from Huyton attending at the end of the year, 46 in the Junior Department and 39 in the Senior.

In the Junior Section, which takes children up to 16 years, the emphasis is mainly on social training. The children have lessons in painting, model making and dancing. They are taught to do simple household tasks, and older members do handicraft, e.g. making rugs, mats and papier mache goods.

The musical group that was started for the junior members in 1964 were invited to take part in the Youth Music Festival at the Philharmonic Hall, Liverpool. The children received a splendid ovation and succeeded in winning an award.

In the Senior Section training is given in light engineering, woodwork, and painting, etc. Good progress has been maintained in regard to industrial contract work, and the trainees are paid an incentive bonus.

The Social Club for the Mentally Handicapped which started in 1963 is well established and very popular with the members. It is registered as a Youth Club, and this helps with the provision of staff and equipment. The special bus for the handicapped is in regular use on club nights and helps in transporting members who live a distance away. Some 60 members (from the age of 16 upwards) attend the weekly sessions. The various activities include billiards, table tennis and other games.

Refreshments are provided, and after these a Bingo session is held with small prizes for the winners.

Many voluntary organisations and private individuals help in the running of this Club. Without their assistance it is doubtful whether it could continue and I wish to thank them all for their generosity.

Mental Subnormality

(a) *Mentally subnormal children under 16 years of age*

	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. No. of children on Register at 31.12.65 ...	39	25	64
2. No. of children reported to be mentally sub-normal during the year (section 57—Education Act 1944)	2	3	5
3. No. of cases transferred from other areas ...	1	2	3
4. No. of cases admitted to hospital during the year	—	3	3
5. No. of cases awaiting hospital care at 3.12.65	—	3	3
6. No. of children attending Huyton Gate Junior Centre	28	18	46
7. No. of children awaiting admission to Training Centre	6	2	8
8. No. of children awaiting Creche accommodation	4	2	6
9. Admission into Hostel Accommodation ...	1	—	1

(b) *Mentally sub-normal adults (over 16 years of age)*

	<i>Male</i>	<i>Female</i>	<i>Total</i>
1. No. of adults on Register December 31st, 1965	61	75	136
2. No. of cases referred under section 57 Education Act, 1944 (i.e. for supervision after leaving school)	1	1	2
3. No. of cases transferred from other Areas ...	1	1	2
4. No. of cases referred by other agencies ...	5	6	11
5. No. of adults attending Huyton Gate Senior Centre (of whom 8 were transfers from Junior Centre on attaining 16 years of age)	13	26	39
6. No. of cases refused or unsuitable for Training Centre	18	19	37
7. No. of cases on waiting list for Adult Training Centre	1	3	4
8. No. of cases in employment at Dec, 31st, 1965	28	23	41
9. No. of cases removed from Register due to death or other reasons	2	2	4

Community Care Visits

1. No. of visits made by Mental Welfare Officer/Mental Health Visitor to homes of subnormals... ..	393
2. No. of visits made to Psychopathic/mentally ill patients, in their homes by Mental Welfare Officer/Mental Health Visitor	536
3. Miscellaneous Mental Health and Welfare Visits	169

OCCUPATIONAL THERAPY

The duties of the Occupational Therapist include visiting the handicapped persons in their homes, giving advice regarding employment and suggesting appliances and modifications to domestic fitments. Adaptations to property such as the widening of doors to take wheel chairs and the provision of ramps come within the scope of the Occupational Therapist's work.

At the end of last year there were 236 persons on the register, and a total of 632 home visits were made. Adaptations were carried out in five cases at a total cost of £135. One of these was in connection with supplying a Ministry of Health vehicle.

It will be noted that there has not been the usual increase in the work done. This is because the Department was without an Occupational Therapist from July to November.

The special bus is still proving to be an essential asset to the severely disabled but it is now nearing the end of its useful life, and I understand that a replacement coach, specially built, will be forthcoming as quickly as the Lancashire County Council are able to provide this.

The Huyton Disabled Persons Club meets regularly twice a week and has approximately 70 members. The handrails and ramp fitted last year are continuing to prove their usefulness. Various outings and activities were arranged during the year, and the members themselves took considerable initiative in the organization of these outings.

The luncheon club started last year caters for sixteen patients and continues as a useful means of physical and social rehabilitation. From September the club met once per week. Students studying housecraft at the College of Occupational Therapy gave help at the club and thus gained clinical experience.

The Huyton Disabled Drivers Club now has a thriving and interested membership. The object of the Club is to improve standards of driving and road safety, and also to provide social contact between members. The Club is sponsored by the Road Safety Committee and I wish to thank both them and Mr. E. Yates, the Road Safety Officer, for their interest and help.

In co-operation with Alder Hey Hospital and the students from the College of Occupational Therapy, weekly swimming sessions were held at the Dovecot baths. During the school summer holidays, patients were taken to Widnes baths.

In September, 22 patients were taken on holiday to Butlin's Holiday Camp, Pwllheli, including one patient from Kirkby. Another Huyton patient went on holiday with the Widnes party to Prestatyn. The special bus and other transport were used to take the patients on holiday, and they were accompanied by students from the College of Occupational Therapy and the Occupational Therapist.

There is very close liaison between the department and our local hospitals and many of our patients are, of course, under hospital supervision. Every endeavour is made to carry out the recommendations of the Hospital Consultants, with regard to adaptations and aids. I wish to thank the Huyton Architect, Mr. Chappelle, and his staff for their help during the year in carrying out this specialised work.

The voluntary organisations have once again given most generous assistance in many ways, and I wish to thank the Huyton Rotary Club, Inner Wheel, the Women's Voluntary Service, the Red Cross, Huyton Council for Social Services, Huyton Old People's Welfare Council, and the students of the Huyton School of Occupational Therapy for their help.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply

The water supply for the District is obtained from the Corporation of Liverpool, and is satisfactory both in quality and quantity. Water is supplied from the public mains as follows :-

- (a) Direct to dwelling houses :- 18,937 dwelling houses.
- (b) By means of stand pipe :- None.

The Huyton Council has expressed their support for the fluoridation of water supplies.

Drainage and Sewerage

The greater part of the District is served by disposal works employing sedimentation tanks percolating filters, and sludge digestion plant. D.W.F. 2 million gallons per day. Capable of taking 2.5 D.W.F. Close control is being kept on trade effluent due to expansion of the industrial estate.

Closet Accommodation

Privy Middens	Nil
No. of closets attached to these middens	Nil
No. of pail closets	Nil
No. of movable ash bins	21,478
No. of houses on the water carriage system	18,937

HOUSING

Housing Statistics for 1965

No. of new houses erected during the year :-

	<i>Houses</i>	<i>Flats</i>
(i) By the Local Authority	112	21
(ii) By other Local Authorities	—	—
(iii) By other Bodies or persons	20	3
	<hr/> 132	<hr/> 24

1. Inspection of dwelling houses during the year :-

1. (a) Total number of dwellings inspected for housing defects (under Public Health or Housing Acts) ... 1,035
- (b) Number of inspections made for the purpose ... 2,122
2. Dwelling houses unfit for human habitation, and not capable at reasonable expense of being rendered fit :-
 - (a) Number found during the year —
 - (b) No. or estimated No. at end of year 31
3. Number of dwelling houses found during the year to be not in all respects reasonably fit for human habitation, but capable of being rendered fit 94

2. *Repairs during the year*

- (a) Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 57
- (b) Public Health Acts—action after service of formal notices
Houses in which defects were remedied :
- (i) By owners 6
- (ii) By Local Authorities in default of owners —

3. *House Purchase and Housing Act 1959—Standard Grants :-*

Action during the year :-

	No. of schemes	No. of houses & buildings affected
(a) Submitted to Local Authority	2	2
(b) Approved by Local Authority	2	2
(c) Work completed	1	1

FACTORIES ACT, 1937 and 1948

Annual report of the Medical Officer of Health in respect of the year 1965, for the Urban District of Huyton-with-Roby in the County of Lancaster.

Part I of the Act

- 1.
- INSPECTIONS**
- for the purposes of provisions as to health (including inspections made by the Public Health Inspectors.)

Premises	No. on Regist.	Number of		
		Inspec- tions	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6, are to be enforced by Local Authorities	5	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	28	33	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority* — (excluding outworkers premises)	3	—	—	—
Total	36	33	—	—

2. *Cases in which DEFECTS were found*

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more 'cases')

Particulars	Number of cases in which defects were found				No. of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspect.	By H.M. Inspect.	
Want of cleanliness (S.I.)	—	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
Total	—	—	—	—	—

* i.e. Electrical Stations 103(1). Institutions (Section 104) and Sites of Building Operations and Works of Engineering Construction (Section 107 and 108).

Outwork—(Sections 110 and 111)

No. of out-workers in August list required by Section 110 (1) (c) :-

Nature of work—Making etc., of Wearing Apparel ... 5

Work of the Public Health Inspectors**Complaints**

Complaints have been received and investigated as shown below :-

Defects	Number
Drainage	176
Refuse Accommodation	30
Housing	105
Rat Nuisances	855
General Nuisances	133
	<hr/> 1299 <hr/>

Notices Served

Preliminary Notices	152
Statutory Notices	19

Disinfestation

Three houses were found to be bug infested, and Disinfestation was carried out by the Department.

During the year 15 private houses were also treated for cockroach infestation, the occupiers paying the cost of the work.

Drainage

During the year 122 drains were inspected for defects or cleared of stoppage by the Department.

Interviews

During the year the Public Health Inspectors have had 358 interviews with landlords or contractors.

Summary of Inspectors Visits

Bakehouses	...	...	...	...	8
Factories and Workshops	...	...	...	...	32
Dairies	...	...	...	...	18
Food Premises and Sampling	...	...	...	...	760
Investigation of Infectious Diseases	...	...	...	...	431
Investigation of Public Health Nuisances	...	...	...	...	2031
Offices, Shops and Railway Premises	...	...	...	...	285
Rodent Investigations	...	...	...	...	121
Drainage	...	...	...	...	795
Refuse Accommodation	...	...	...	...	15
Clean Air Act	...	...	...	...	974
Miscellaneous	...	...	...	...	549
					<hr/> 6019 <hr/>

Clean Air Act 1956

No. 4 area was confirmed by the Minister during the year and is to come into operation on the 1st October, 1966.

The following is a summary of the areas at present covered by Smoke Control Orders.

Order	Place	Area in Acres	Number of Properties	Date of Operation
No. 1	Swanside	82	977	1.11.61
No. 2	Swanside	95	891	1.7.62
No. 3	Swanside and St.Bart's (part)	506	880	1.7.63

INSPECTION AND SUPERVISION OF FOOD

Milk and Dairies Regulations 1959

All milk for the District comes from large producers outside the area, and it is delivered to dairy premises within the District in sealed bottles.

At the end of the year there were registered :-

- 43 Distributors of pre-packed Milk.
- 3 premises as Dairies.

Milk (special designations) Regulations 1960

Number of Dealers Licences to sell pre-packed milk in force at the end of the year in respect of :-

(i) Untreated	...	...	...	...	33
(ii) Pasteurised	...	...	...	...	35
(iii) Sterilised	...	...	...	...	38

Bacteriological Examination of Milk

The following Table gives the results of routine examination of milk samples taken in the District :-

	Number of Samples	Results
PASTEURISED MILK		
Phosphatase Test	99	All Satisfactory
Methylene Blue Reduction Test	99	5 void samples
STERILISED MILK		
Turbidity	50	All satisfactory
RAW MILK		
Tuberculosis Test	6	Satisfactory
Methylene Blue Test ...	6	1 void sample

Ice Cream

There are 63 premises within the District, registered under Section 16 of the Food and Drugs Act, 1955, from which Ice Cream is sold. Sixty-two are Dealers only, and one is a manufacturing Dealer. Premises are frequently inspected, and all operations regularly scrutinised. Conditions are satisfactory on all these premises.

There are 7 vendors of Ice Cream registered under the Lancashire County Council (General Powers) Act 1951.

During the year 11 samples were taken and submitted for the methylene blue test, with the following results :-

Grade 1	...	...	6
Grade 2	...	...	1
Grade 3	...	...	2
Grade 4	...	...	2

Food Hygiene Regulations 1960

The following is a list of the food premises in the district along with a summary of visits.

	No.	Regulation 16 Washbasins		Regulation 19 Sinks		No. of Visits
		Provided	Not provided	Provided	Not provided	
Grocers	66	58	8	65	1	138
Bakehouses	16	16	—	16	—	8
Greengrocers	31	30	1	30	1	85
Fishmongers	16	16	—	16	—	17
Butchers	30	29	1	30	—	124
Fish Fryers	11	11	—	11	—	24
Licenced premises and canteens	37	37	—	37	—	135
Confectioners	32	32	—	32	—	188
TOTALS	239	229	10	237	2	767

Twenty Notices were served during the year under the Food Hygiene Regulations 1960.

Canteens

The various works canteens are also regularly inspected, and these were found to be satisfactory.

Hawkers

Food Hawkers are required to be registered under The Lancashire County Council (General Powers) Act, 1951, Section 14.

At the end of the year 36 persons actively engaged in hawking, were registered under this Section.

Unsound Food

The following articles of food were, on inspection, found to be unfit for human consumption, and were voluntarily surrendered :-

Fish	....	....	....	388	tins
Milk	....	....	....	56	„
Meat Products	....	....	....	240	„
Fruit	....	....	....	2,944	„
Vegetables	....	....	....	279	„
Rice	....	....	....	57	„
Soups	....	....	....	50	„
Meat Products	....	....	....	1,400	lbs.
Frozen Foods	...	...	...	8,214	packets
Potato Crisps	...	...	...	3	cases

Complaints of Unsound Food

During the year there were 45 complaints of unsound food. These were all investigated and the manufacturer or suppliers contacted. There was one prosecution resulting in a conviction and fine of £20 with £5 costs.

Foods and Drugs Act 1955—Food Samples

During the year 278 samples of food and drugs were taken, and submitted for analysis, 188 were milk samples, and 90 other foods. All were reported as satisfactory with the exception of 8 samples.

The unsatisfactory samples were reported on by the Analyst as follows :-

- MILK — Incorrectly labelled 'Tuberculin Tested' Otherwise genuine.
- MILK (Channel Islands) — Contained 0.08 I.U.'s antibiotic other than pencillin per ml.
- MILK — Freezing point indicated 0.3 per cent extraneous water.
- MILK (Channel Islands) — Incorrectly labelled 'Channel Islands' Tuberculin Tested (Pasteurised) otherwise genuine.
- MILK — Freezing point indicated 0.1% extraneous water.
- FLOUR PLAIN — Creta praeparata 427 milligrams per 100 grammes. (Limits 235-390 milligrams per 100 grammes).
- BREAD — Contained a piece of torn thick coloured paper measuring approx. 20 x 18 millimeters.
- CHRISTMAS PUDDING — No address of packer or labeller.

Offices, Shops and Railway Premises Act, 1963

	Offices	Retail Shops	Wholesale Shops Warehouses	Catering establishment
No. of registered premises at end of year	24	260	4	16
No. receiving a general inspection	3	96	1	4

Rodent Control

The following is a summary of the work carried out during the year :-

Type of Property	Number of complaints	Number of treatments		Number of Inspections made
		Rats	Mice	
Local Authority	14	8	5	110
Dwelling Houses	820	700	30	9008
Business Premises	21	22	4	90
	855	730	39	9208

Two sewer treatments were also carried out during the year.